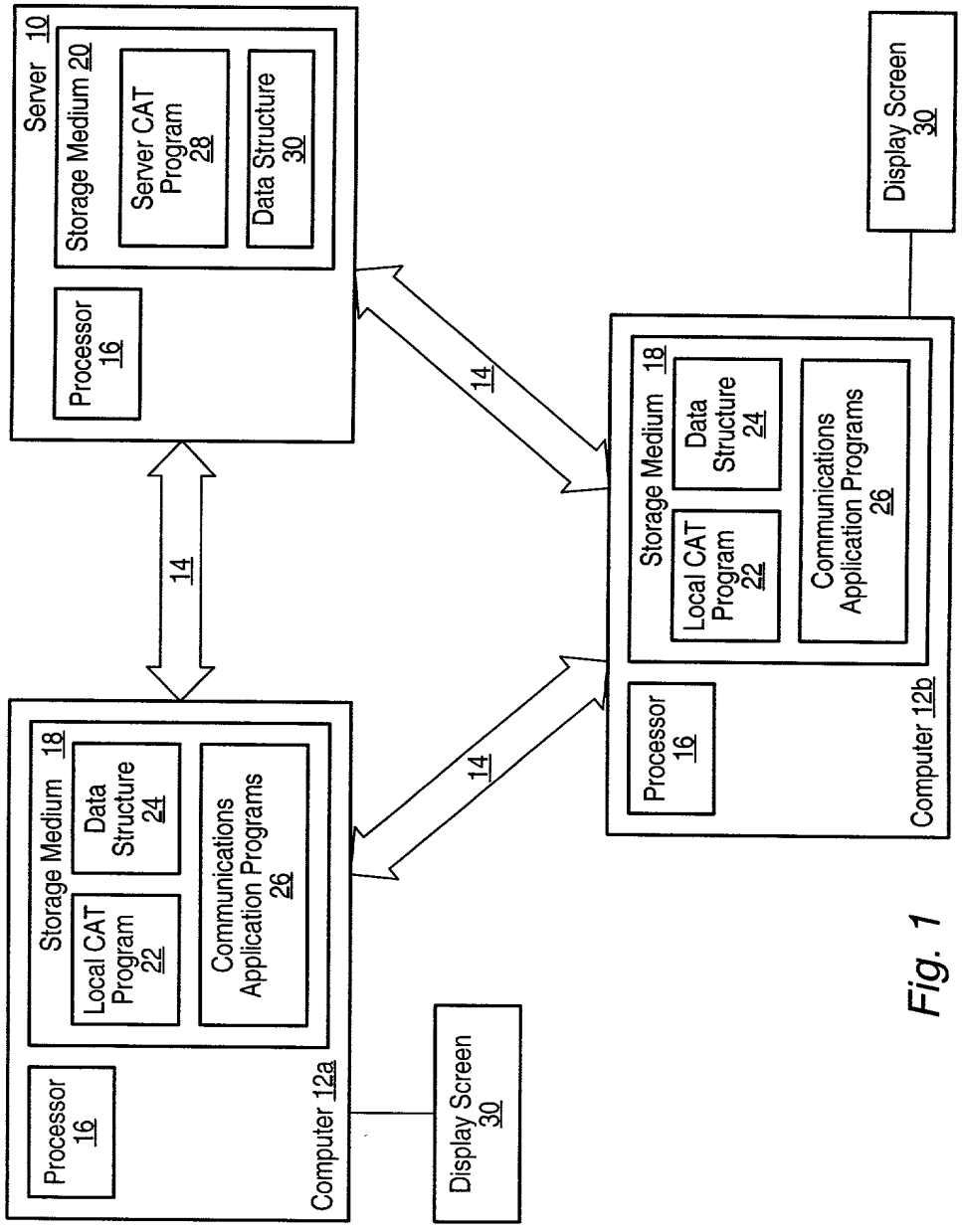
Server 10
Storage Medium 20
Server CAT Program 28
Data Structure 30
Processor 16
14
Storage Medium 18
Data Structure 24
Local CAT Program 22
Communications Application Programs 26
Processor 16
Computer 12a
Display Screen 30
Storage Medium 18
Data Structure 24
Local CAT Program 22
Communications Application Programs 26
Processor 16
Computer 12b
Display Screen 30

Fig. 1

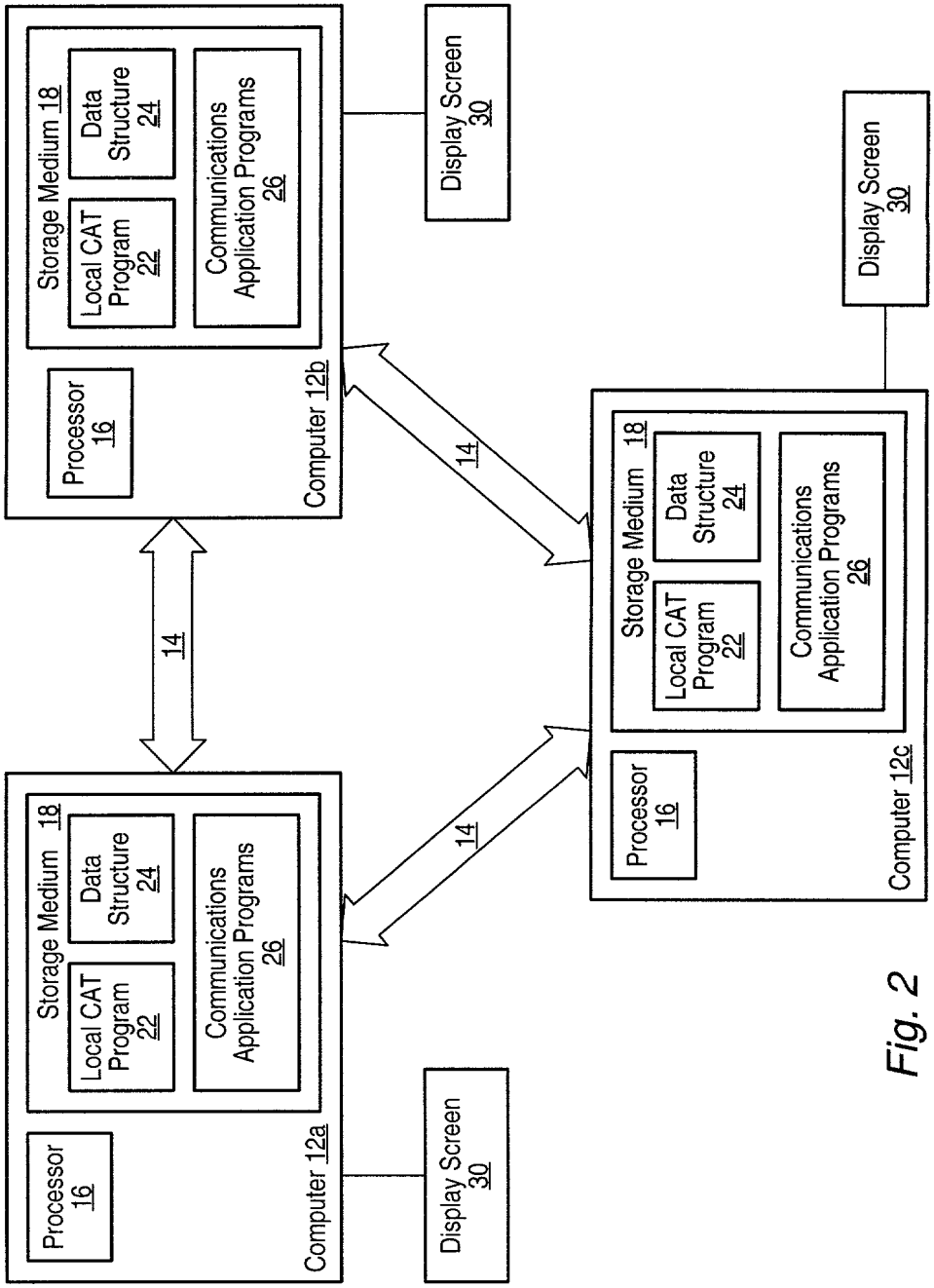
Computer 12a
Processor 16
Storage Medium 18
Local CAT Program 22
Data Structure 24
Communications Application Programs 26
Display Screen 30
Computer 12b
Processor 16
Storage Medium 18
Local CAT Program 22
Data Structure 24
Communications Application Programs 26
Display Screen 30
Computer 12c
Processor 16
Storage Medium 18
Local CAT Program 22
Data Structure 24
Communications Application Programs 26
Display Screen 30
14
14
14

Fig. 2

	Attribute	Value
32	Actual Name	John Doe
34	Id for Email	jdoe@mailserver.com
36	Available for Email?	Yes
38	Id for Instant Messaging	johndoe1234
40	Available for Instant Messaging?	No
42	Permission Level	3
44	Role Code	2

Fig. 3

09562329.042502

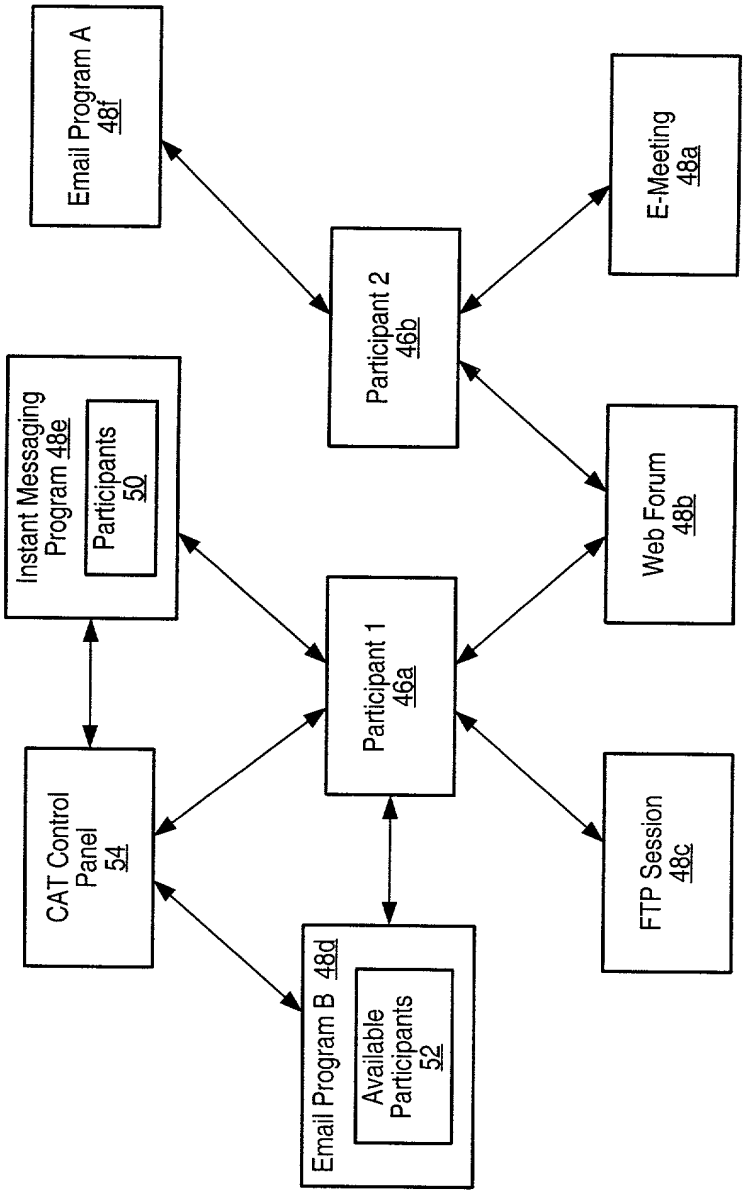
Email Program A
48f
E-Meeting
48a
Participant 2
46b
Instant Messaging
Program 48e
Participants
50
Web Forum
48b
Participant 1
46a
CAT Control
Panel
54
FTP Session
48c
Email Program B 48d
Available
Participants
52

Fig. 4

20070 6299660

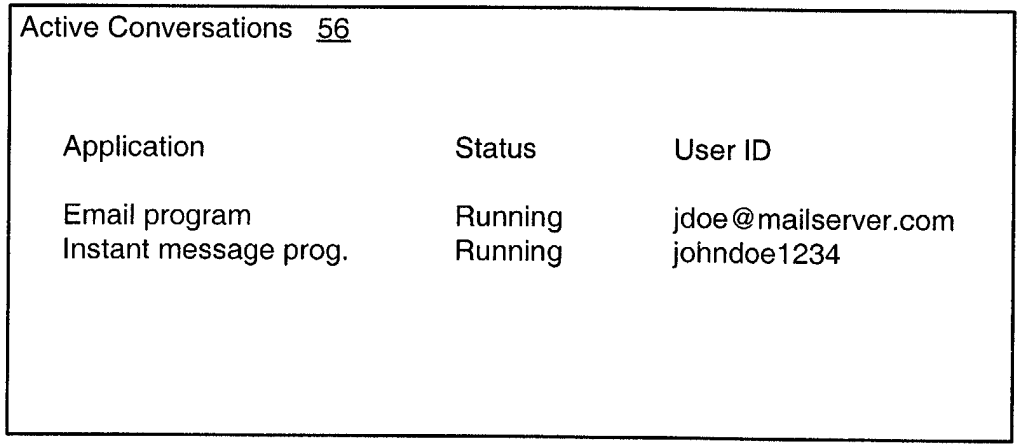

Fig. 5

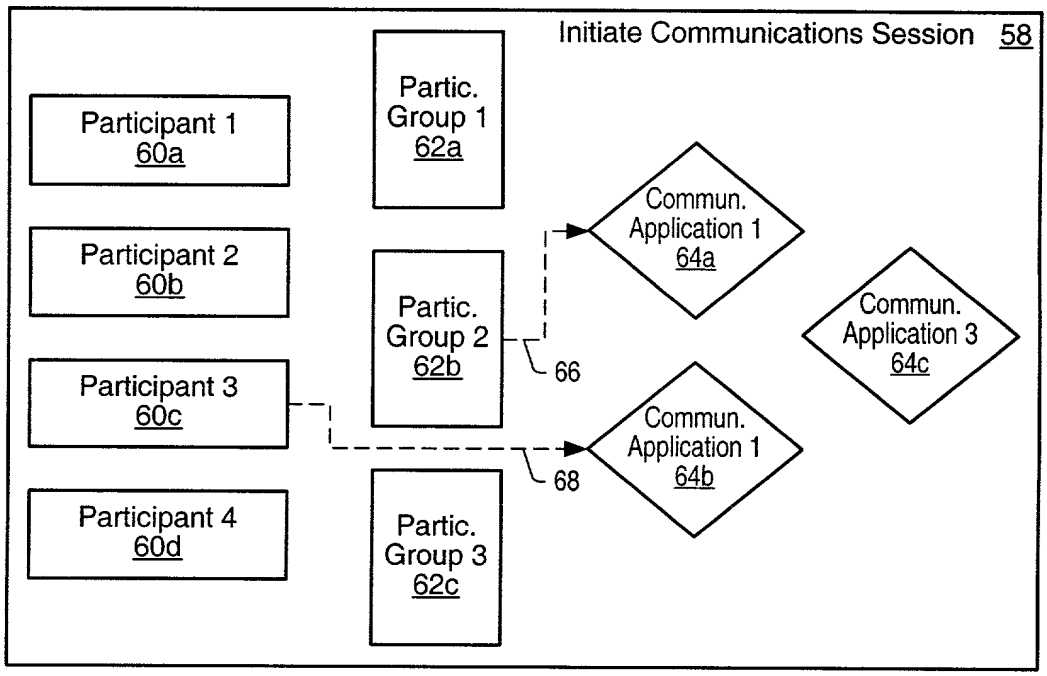
Initiate Communications Session 58
Participant 1 60a
Participant 2 60b
Participant 3 60c
Participant 4 60d
Partic. Group 1 62a
Partic. Group 2 62b
Partic. Group 3 62c
Commun. Application 1 64a
Commun. Application 3 64c
Commun. Application 1 64b
66
68

Fig. 6a

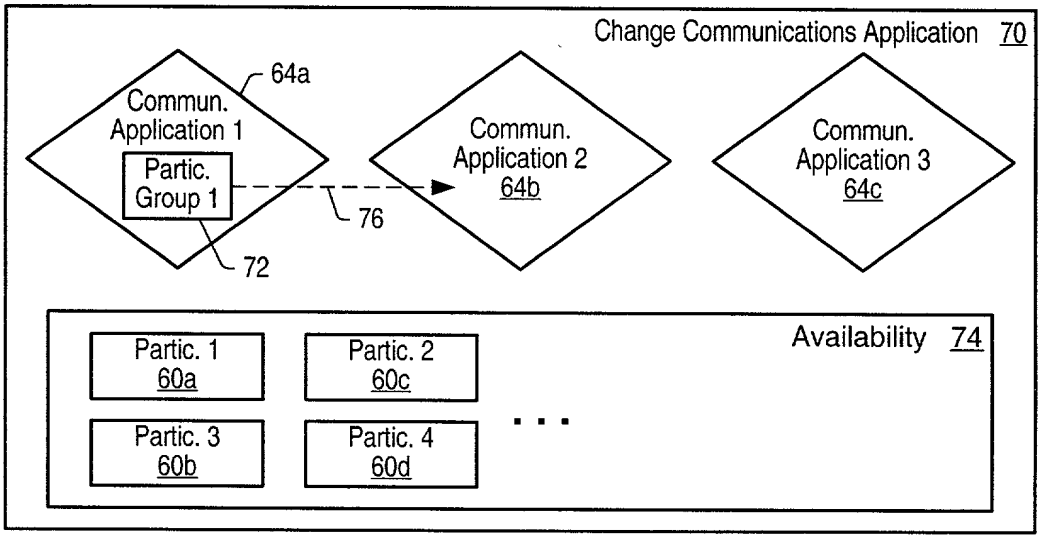
Change Communications Application 70
Commun. Application 1
64a
Partic. Group 1
72
76
Commun. Application 2 64b
Commun. Application 3 64c
Availability 74
Partic. 1 60a
Partic. 2 60c
Partic. 3 60b
Partic. 4 60d

Fig. 6b

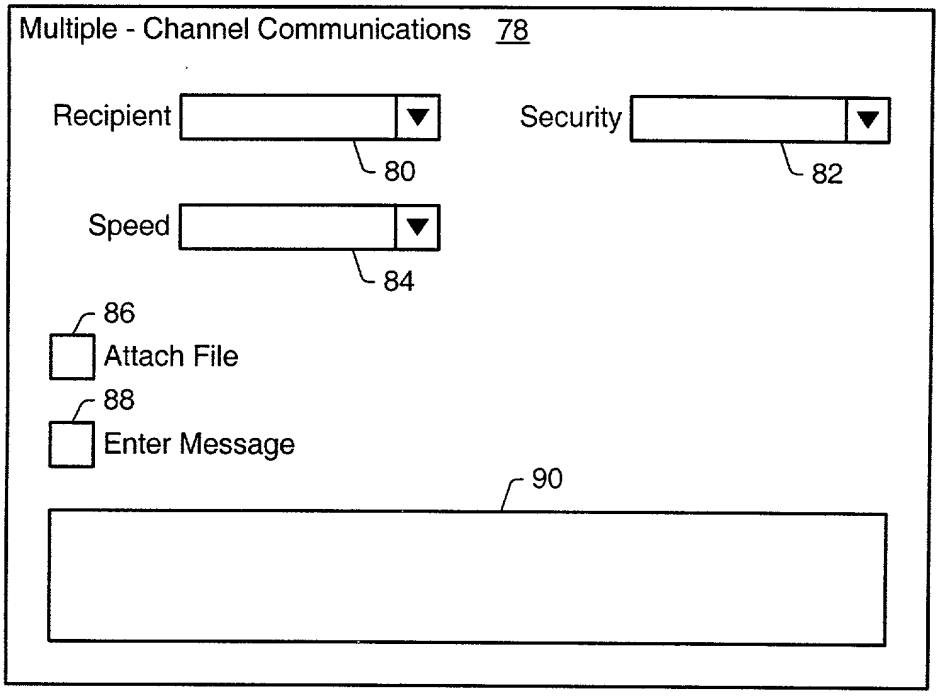

Fig. 7

09/682,926 - 04/19/02

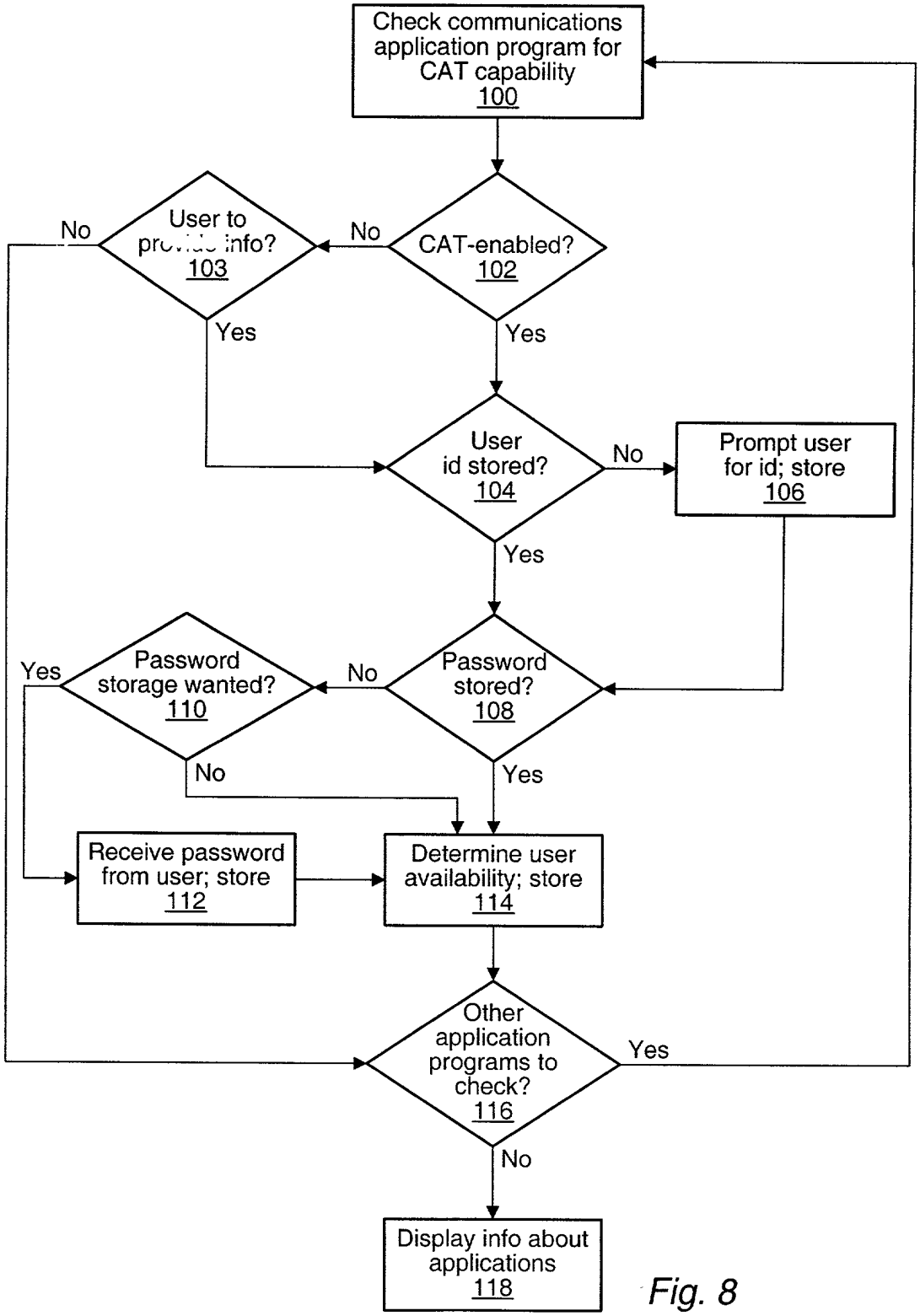
Check communications application program for CAT capability 100
CAT-enabled? 102
No
User to provide info? 103
No
Yes
Yes
User id stored? 104
No
Prompt user for id; store 106
Yes
Password stored? 108
No
Password storage wanted? 110
Yes
No
Yes
Receive password from user; store 112
Determine user availability; store 114
Other application programs to check? 116
Yes
No
Display info about applications 118

Fig. 8

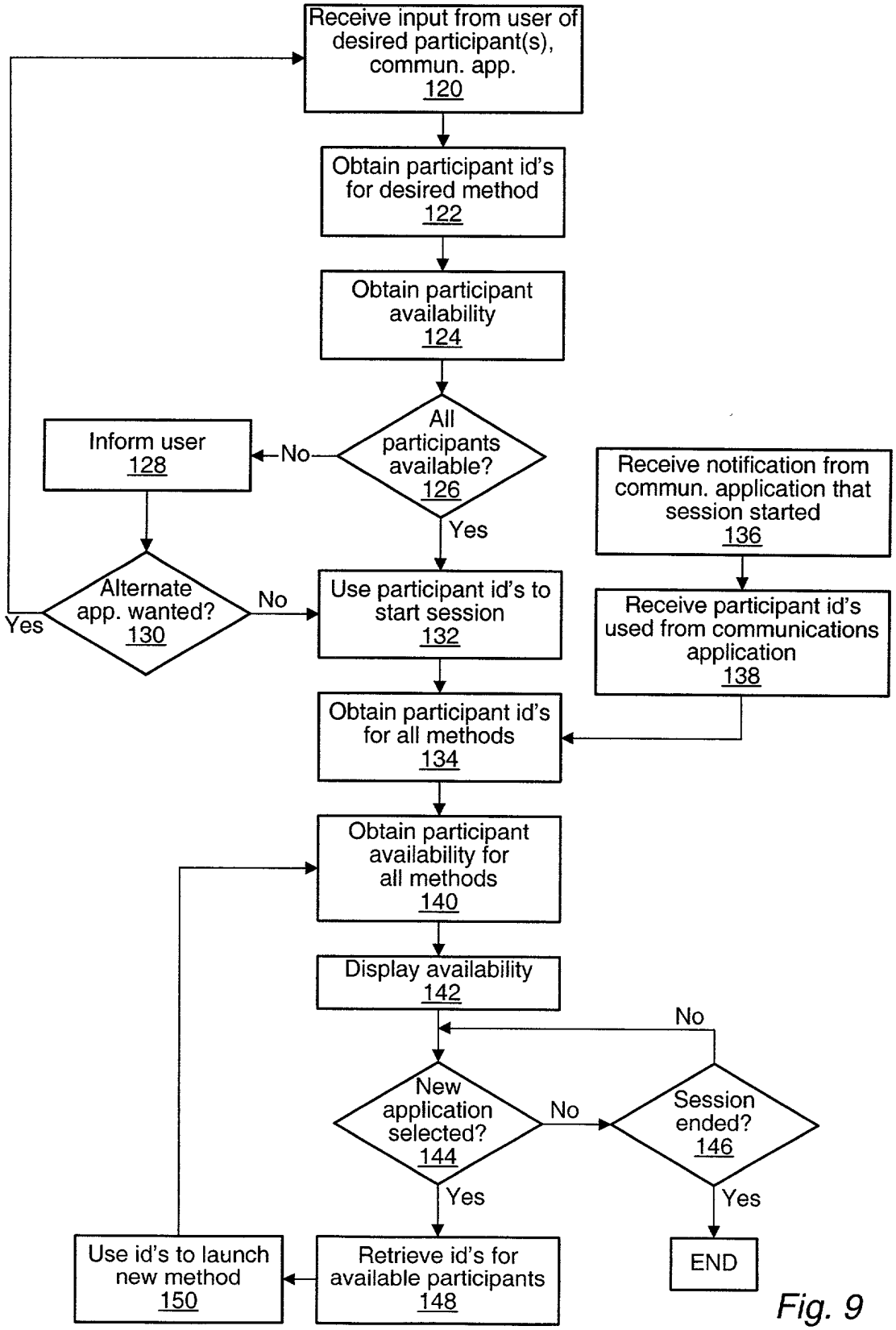
Receive input from user of desired participant(s), commun. app.
120
Obtain participant id's for desired method
122
Obtain participant availability
124
All participants available?
126
No
Inform user
128
Yes
Alternate app. wanted?
130
Yes
No
Use participant id's to start session
132
Receive notification from commun. application that session started
136
Receive participant id's used from communications application
138
Obtain participant id's for all methods
134
Obtain participant availability for all methods
140
Display availability
142
No
New application selected?
144
No
Session ended?
146
Yes
Yes
Use id's to launch new method
150
Retrieve id's for available participants
148
END

Fig. 9

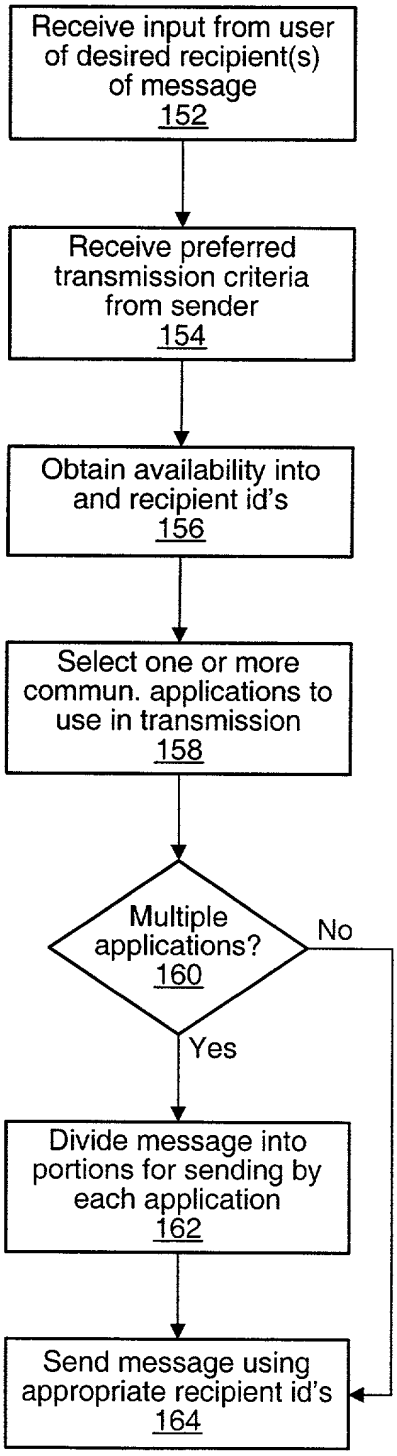
Receive input from user of desired recipient(s) of message
152
Receive preferred transmission criteria from sender
154
Obtain availability into and recipient id's
156
Select one or more commun. applications to use in transmission
158
Multiple applications?
160
No
Yes
Divide message into portions for sending by each application
162
Send message using appropriate recipient id's
164

Fig. 10